

**IN THE CLAIMS:**

Please **AMEND** claim 1 as follows.

1. (Currently Amended) A press-molding apparatus, comprising:
  - (a) a first mold;
  - (b) a second mold disposed to face the first mold, the second mold being configured to advance and retreat, and comprising
    - a substrate,
    - a heat insulating member disposed on a side of the substrate which side faces the first mold, and
    - a machining member disposed on a side of the heat insulating member which side faces the first mold and comprising irregularities on a surface facing the first mold,

wherein said substrate comprises a temperature control medium passage in a predetermined portion, in which medium for temperature control flows;
- the press-molding apparatus, further comprising:
  - (c) a loading processing section configured to load a to-be-machined member on the first mold;
  - (d) a heating processing section configured to heat the to-be-machined member to a molding temperature higher than a state change point of a material which constitutes the to-be-machined member; and

(e) a transfer processing section configured to press the machining member against the to-be-machined member so as to transfer the irregularities to the to-be-machined member.

2. (Previously Presented) A press-molding apparatus according to claim 1, wherein the heating processing section is further configured to heat the to-be-machined member having been heated to a preheating temperature lower than the state change point.

3. (Previously Presented) A press-molding apparatus according to claim 1, wherein a heating section configured to heat the machining member is disposed between the heat insulating member and the machining member.

4. (Previously Presented) A press-molding apparatus according to claim 1, wherein a heating section configured to heat the machining member is disposed between the first and second molds such that the heating section faces the machining member.

5. (Previously Presented) A press-molding apparatus according to claim 1, wherein a heating section configured to heat the machining member is incorporated into the machining member.

6. (Withdrawn) A mold to be disposed such that it can advance and retreat in relation to another mold onto which a to-be-machined member is loaded, the mold being characterized by comprising: (a) a substrate; (b) a heat insulating member disposed on a side of the substrate which side faces the second-mentioned mold; and (c) a machining member disposed on a side of the heat insulating member which side faces the second-mentioned mold and having, on a surface facing the second-mentioned mold, irregularities to be transferred to the to-be-machined member.

7. (Withdrawn) A mold according to claim 6, wherein a heating section for heating the machining member is disposed between the heat insulating member and the machining member.

8. (Withdrawn) A mold according to claim 6, wherein a heating section for heating the machining member is incorporated into the machining member.

9. (Withdrawn) A press-molding method characterized by comprising: (a) loading a to-be-machined member onto a first mold; (b) heating a machining member to a molding temperature higher than a state change point of a material which constitutes the to-be-machined member, the machining member being disposed to face the first mold such that the machining member can advance and retreat, disposed on a side of a heat insulating member which side faces the first mold, and having irregularities on a surface

facing the first mold; and (c) pressing the machining member against the to-be-machined member so as to transfer the irregularities to the to-be-machined member.

10. (Withdrawn) A press-molding method according to claim 9, wherein the to-be-machined member is heated to a preheating temperature lower than the state change point.